

Ran[®] 1 1/2" (38.1 mm)

Sanitary Diaphragm Pump

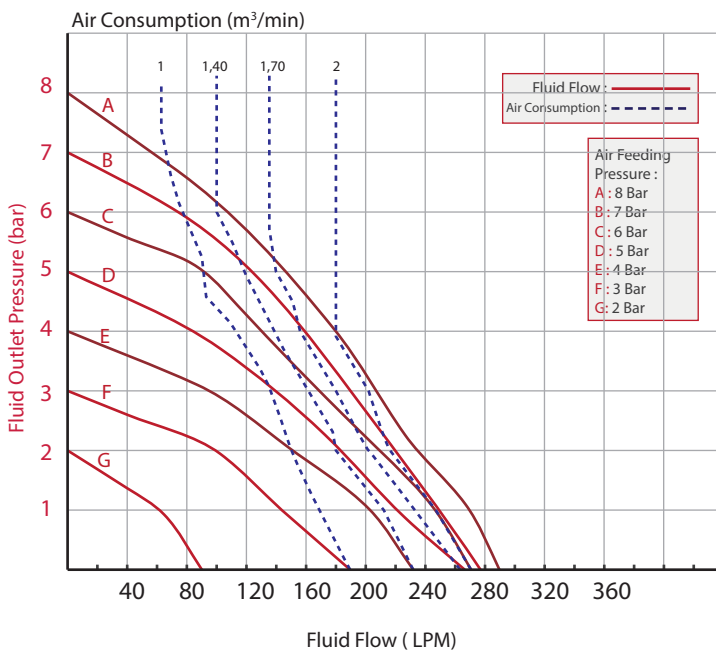
Technical Specifications



Pump Code	E40-S1
Max. Flow Rate	290 lpm
Max. Pump Speed	200 cpm
Displacement per cycle	1.45 liter
Fluid Inlet- Outlet Size	1 1/2" Clamp Connection
Air Inlet Size	1/2"
Max. Fluid Working Pressure	8 bar
Max. Air Consumption (at 5 bar)	1.7 m ³ /min
Ratio	1:1

Pump Housing Material	316 Stainless Steel (Sheet Metal)
Center Section Material	Polypropylene
Max. Size Pumpable Solids	3 mm
Max. Suction Lift	9.5 m (Wet) 5 m (Dry)
Max. Operating Temperature	104 °C
Sound Level	78 dBA (at 5 bar)
Diaphragm Material	PTFE
Check-Valve Material	PTFE
Weight	26 kg

Performance Curves



Made in Turkey



Test Conditions: All tests are made with water. Suction hose submerged in the fluid. Muffler not used. All the values are shown are approximate and not binding.

Example: To pump 160 lpm against a discharge pressure of 4 bar, requires 7 bar and 1.7 m³/min air consumption.

Dimensions

A	408
B	658
C	518
D	260.5
E	272
F	200
G	11

All dimensions are in mm.

